AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-18. (Canceled)

19. (New) A vacuum system comprising:

a vacuum source;

a connector in communication with the vacuum source and comprising an inlet, an outlet, a separation chamber in communication with the inlet, an air pathway in communication with the separation chamber and the outlet, and a fluid pathway separate from the air pathway and in communication with the separation chamber and the outlet;

an end effector in communication with the inlet; and

a decontamination unit in cooperation with the outlet.

20. The vacuum system according to claim 19, wherein the decontamination unit comprises a collapsible container containing a pre-measured amount of decontaminant.

21. (New) The system of claim 20, further comprising a flowmeter coupled to the fluid pathway, and a microprocessor in communication with the flowmeter and capable of calculating flow rates and total volume.

22. (New) The system of claim 21, further comprising an input device in communication with the microprocessor.

23. (New) The system of claim 22, wherein the input device includes a key pad.

24. (New) The system of claim 19, wherein the vacuum source includes a centrifugal separator.

25. (New) The system of claim 19, wherein the connector further comprises a bioaerosol inlet separate from the inlet, and in communication with the outlet.

26. (New) The system of claim 19, wherein the connector further comprises a volumetric indicator coupled to the fluid pathway.

27. (New) The system of claim 19, wherein the connector further comprises a collection chamber in communication with the separation chamber.

28. (New) The system of claim 19, wherein the connector further comprises a vacuum regulator in cooperation with the inlet.

29. (New) The system of claim 19, wherein the separation chamber includes a baffle in cooperation with the inlet for optimizing the separation of liquid and gaseous material.

30. (New) The system of claim 19, wherein the separation chamber includes a filter in cooperation with the inlet for optimizing the separation of solid materials.